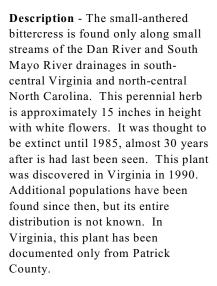
Small-Anthered Bittercress

Cardamine micranthera



Life History - Habitat for this plant includes seepages, wet rock crevices, streambanks, sandbars, and wet woods along streams. All populations are very small and are located in watersheds altered by residential and agricultural use. These areas are fully to partially shaded. Associated species include azalea, mountain laurel, viburnum, spicebush, birch, ironwood, beech,



U.S. Fish and Wildlife Service Virginia Field Office 6669 Short Lane Gloucester, Virginia 23061 (804) 693-6694 http://www.fws.gov August 1999 tulip poplar, red maple, white pine, round-leaved bittercress, yellow root, and bluets. Flowering and fruiting occur in April and May, flowers have four petals, and brown seeds are contained in long, thin capsules.

Conservation - The small-anthered bittercress was federally listed as an endangered species on September 21, 1989. Threats include siltation, stream impoundment and channelization, conversion of habitat to agriculture or silviculture, herbicide runoff from nearby agricultural land and power line maintenance, trampling by cattle, flooding, severe drought, and competition from non-native species such as Japanese honeysuckle.

What You Can Do to Help - If you find a plant that appears to be the small-anthered bittercress, take note of the location and photograph the plant, if possible. Please do not remove the plant! Contact one of the following agencies for assistance:

Virginia Department of Conservation and Recreation Division of Natural Heritage 217 Governor Street, 3rd Floor Richmond, Virginia 23219 (804) 786-7951

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U.S. Fish and Wildlife Service. 1991. Recovery plan for the small-anthered bittercress (*Cardamine micranthera*). Atlanta, Georgia.

Wiebolt, T.F. 1995. Page 38 in K. Terwilliger and J. Tate, eds. A guide to endangered and threatened species in Virginia. McDonald and Woodward Publishing Company, Blacksburg, Virginia.